



PATENT  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Makoto Kikuchi et al.                      Art Unit:  
Serial No.: 09/214,569                                      Examiner:  
Filed : January 7, 1999  
Title : NOVEL USE OF MK FAMILY AS HEMAPOIETIC FACTOR

Assistant Commissioner for Patents  
Washington, DC 20231

BOX PCT

INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO 1449, copies of which are enclosed.

The relevance of each non-English reference is explained below.

Reference AE discloses cytokines that regulate proliferation and each step of the differentiation of hematopoietic stem cells. The cytokines disclosed are EPO, G-CSF, TPO, GM-CSF, M-CSF, SCF, LIF, flt3 ligand, IL-1 $\alpha$ , IL-1 $\beta$ , IL-3, IL-4, IL-5, IL-6, IL-7, IL-8, IL-9, IL-10, IL-11, IL-12, IL-13, TNF- $\alpha$ , TGF- $\beta$ 1, MIP1 $\alpha$ , and IFN- $\gamma$ . The reference also discloses characteristics and functions of these cytokines.

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Francisco Robles  
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This statement is being filed before the receipt of a first Office action on the merits. Please apply any charges or credits to Deposit Account 06-1050.

Respectfully submitted,

Date: 6/24/99

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